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| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | 10/816,179             |         |
|                                                                                         | Filing Date          | March 31, 2004         |         |
|                                                                                         | First Named Inventor | Chung J. Lee           |         |
|                                                                                         | Art Unit             | 1763                   |         |
|                                                                                         | Examiner Name        |                        |         |
| Total Number of Pages in This Submission                                                | 4+                   | Attorney Docket Number | DSI 302 |

| ENCLOSURES (Check all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication to Technology Center (TC)<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>1. Form PTO-1449 (one page)<br>2. Six "Other Documents" |
| <div>Remarks</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Firm or Individual name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | M. Matthews Hall, Esq.<br>Kolisch Hartwell, P.C.                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <i>M. Matthews Hall</i>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | September 28, 2004                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| CERTIFICATE OF TRANSMISSION/MAILING                                                                                                                                                                                                                                                                           |                     |      |                    |
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| Typed or printed name                                                                                                                                                                                                                                                                                         | Renee Knight        |      |                    |
| Signature                                                                                                                                                                                                                                                                                                     | <i>Renee Knight</i> | Date | September 28, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Date: September 28, 2004

CHUNG J. LEE, ATUL KUMAR,  
CHIEH CHEN and YURI PIKOVSKY

Serial No. : 10/816,179

Group Art Unit 1763

Filed : March 31, 2004

For : SYSTEM FOR FORMING COMPOSITE  
POLYMER DIELECTRIC FILM

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98**

Applicants are submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicants respectfully request that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

## CONTENT OF DISCLOSURE

This Information Disclosure Statement includes (1) one page of PTO-1449 forms, and (2) a legible copy of each foreign and non-patent reference, if any, listed on the form(s). However, because this application was filed on or after July 1, 2003, no copies of U.S. patents or published U.S. patent applications are included.

## TIMING OF DISCLOSURE / FEE INFORMATION

This Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Information Disclosure Statement.

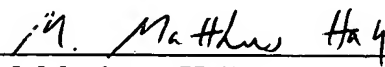
### CERTIFICATE OF MAILING

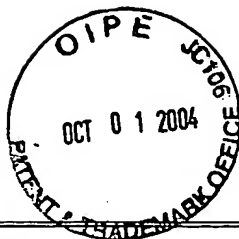
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Renee Knight

Respectfully submitted,

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SHEET 1 OF 1

|                                                                           |                                                                                                                                                                                                                                                             |                                   |                 |                                  |              |                         |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------|----------------------------------|--------------|-------------------------|
| FORM PTO-1449<br><br>INFORMATION DISCLOSURE<br>CITATION IN AN APPLICATION |                                                                                                                                                                                                                                                             | DOCKET NUMBER<br>DSI 302          |                 | APPLICATION NUMBER<br>10/816,179 |              |                         |
|                                                                           |                                                                                                                                                                                                                                                             | APPLICANTS<br>Chung J. Lee et al. |                 |                                  |              |                         |
|                                                                           |                                                                                                                                                                                                                                                             | FILING DATE<br>March 31, 2004     |                 | GROUP ART UNIT<br>1763           |              |                         |
| U.S. PATENT DOCUMENTS                                                     |                                                                                                                                                                                                                                                             |                                   |                 |                                  |              |                         |
| EXAMINER<br>INITIAL                                                       | DOCUMENT<br>NUMBER                                                                                                                                                                                                                                          | DATE                              | NAME            | CLASS                            | SUB<br>CLASS | FIL. DATE<br>IF APPROP. |
|                                                                           | 3,503,903                                                                                                                                                                                                                                                   | 3/31/70                           | Shaw et al.     |                                  |              |                         |
|                                                                           | 6,086,952                                                                                                                                                                                                                                                   | 7/11/00                           | Lang et al.     |                                  |              |                         |
|                                                                           | 6,130,171                                                                                                                                                                                                                                                   | 10/10/00                          | Gomi            |                                  |              |                         |
|                                                                           | 6,265,320                                                                                                                                                                                                                                                   | 7/24/01                           | Shi et al.      |                                  |              |                         |
|                                                                           | 6,455,443                                                                                                                                                                                                                                                   | 9/24/02                           | Eckert et al.   |                                  |              |                         |
|                                                                           | 6,495,208                                                                                                                                                                                                                                                   | 12/17/02                          | Desu et al.     |                                  |              |                         |
|                                                                           |                                                                                                                                                                                                                                                             |                                   |                 |                                  |              |                         |
|                                                                           |                                                                                                                                                                                                                                                             |                                   |                 |                                  |              |                         |
| FOREIGN PATENT DOCUMENTS                                                  |                                                                                                                                                                                                                                                             |                                   |                 |                                  |              |                         |
|                                                                           | DOCUMENT<br>NUMBER                                                                                                                                                                                                                                          | DATE                              | COUNTRY         | CLASS                            | SUB<br>CLASS | TRANSLATION<br>YES NO   |
|                                                                           |                                                                                                                                                                                                                                                             |                                   |                 |                                  |              |                         |
|                                                                           |                                                                                                                                                                                                                                                             |                                   |                 |                                  |              |                         |
| OTHER DOCUMENTS                                                           |                                                                                                                                                                                                                                                             |                                   |                 |                                  |              |                         |
|                                                                           | <i>Parylene Copolymers</i> , Taylor et al., <u>Low Dielectric Constant Materials III</u> , pp. 197-205, 1997.                                                                                                                                               |                                   |                 |                                  |              |                         |
|                                                                           | <i>Finer Copper Wires Make for Faster Integrated Circuits</i> , Preuss, <u>Research News</u> , pp. 1-3, April 5, 1999.                                                                                                                                      |                                   |                 |                                  |              |                         |
|                                                                           | <i>Study of Hydrogen Annealing of Ultrahigh Molecular Weight Polyethylene Irradiated with High-Energy Protons</i> , Wilson et al., <u>Journal of Materials Research</u> , Vol. 14, No. 11, November 1999.                                                   |                                   |                 |                                  |              |                         |
|                                                                           | <i>A Novel Oxazole Based Low k Dielectric Addresses Copper Damascene Needs</i> , Schmid et al., <u>Semiconductor Fabtech</u> , 12 <sup>th</sup> Edition, pp. 231-235, July 2000.                                                                            |                                   |                 |                                  |              |                         |
|                                                                           | <i>The Effect of Water Desorption and Organosilane Coupling Agents on the Adhesion of Poly(p-xylylene) Films to a Silicon Wafer Surface</i> , Lightfoot et al., <u>Journal of Materials Science: Materials in Electronics</u> , Vol. 12, pp. 581-586, 2001. |                                   |                 |                                  |              |                         |
|                                                                           | <i>Current Technical Trends: Dual Damascene &amp; Low-k Dielectrics</i> , Healey on behalf of Threshold Systems, pp. 1-6, © 2002.                                                                                                                           |                                   |                 |                                  |              |                         |
| EXAMINER                                                                  |                                                                                                                                                                                                                                                             |                                   | DATE CONSIDERED |                                  |              |                         |